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<b>Substitute for form PTO/SB/08A</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Complete if Known</b>	
	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2611
	Examiner Name	PATEL, Jayanti K.
Date:	December 4, 2006	
Sheet 1 of 1	Attorney Docket Number	PD-201062

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./		US-6,369,648	04-2002	Kirkman, George F.	
/E.B./		US-6,477,398	11-2002	Mills, Randell L.	
/E.B./		US-3,076,180	01-1963	Havens et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

<b>Examiner Signature</b>	/Emmanuel Bayard/	<b>Date Considered</b>	06/15/2007
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Substitute for form PTO/SB/08A		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/693,135
		Filing Date	10-24-2003
		First Named Inventor	Ernest Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	October 2006		
Sheet 1 of 1	Attorney Docket Number	PD-201062	

U.S. PATENT DOCUMENTS					
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/E.B./		US-2002/006795	01-2002	Norin et al.	
/E.B./		US-6,333,924	12-2001	Porcelli et al.	
/E.B./		US-2001/012322	08-2001	Nagaoka et al.	

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Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
/E.B./		WO 2005/086444	09-2005	Thomson Licensing S.A.		
/E.B./		WO 2005/074171	08-2005	Qualcomm Incorporated		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/E.B./		THE AUTHORITATIVE DICTIONARY OF IEEE STANDARDS TERMS; Seventh Edition, pp. 1047 – definition of "signal"	

Examiner Signature	/Emmanuel Bayard/	Date Considered	06/15/2007
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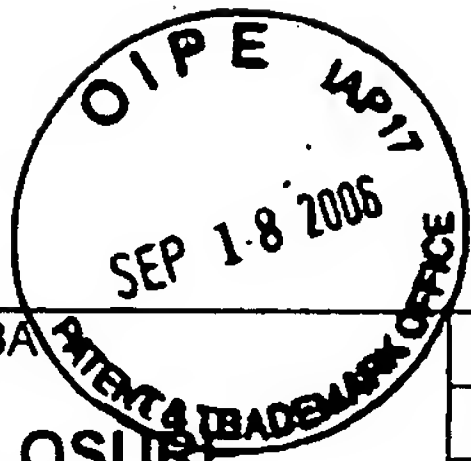
<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest Chen
	Art Unit	2611
	Examiner Name	BAYARD, Emmanuel
Date:	February 22, 2007	
Sheet 1 of 1	Attorney Docket Number	PD-201062

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./	1	US-6,522,683	02-2003	Smee et al.	
	2	US-7,161,931	01-2007	Li et al.	
	3	US-6,956,841	10-2005	Stahle et al.	
	4	US-6,049,566	04-2000	Saunders et al.	
	5	US-2002/0136327	09-2002	El-Gamal et al.	
	6	US-7,154,958	12-2006	Dabak et al.	
↓	7	US-2003/0194022	10-2003	Hammons et al.	
	8	US-2004/0146014	07-2004	Hammons et al.	
/E.B./	9	US-2002/0051435	05-2002	Giallorenzi et al.	

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		Filing Date	10-24-2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	PATEL, Jayanti K.
Date:	September 13, 2006		
Sheet 1 of 1		Attorney Docket Number	PD-201062

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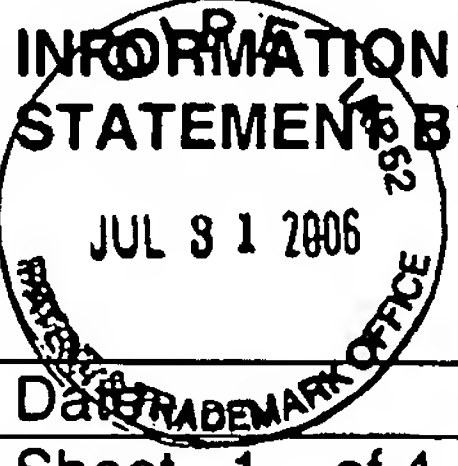
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/E.B./		US-6,970,496	11-2005	Ben-Bassat et al.	
↓		US-2003/0002471	01-2003	Crawford et al.	
		US-2006/0056541	03-2006	Chen et al.	
/E.B./		US-5,577,067	11-1996	Zimmerman	

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/E.B./		CHEN, ERNEST et al.; "DVB-S2 Backward-Compatible Modes: A Bridge Between the Present and the Future"; International Journal of Satellite Communications and Networking; Volume 22, Issue 3, pages 341-365; published 2004 by John Wiley & Sons, Ltd.	

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		Filing Date	10-24-2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
Date	July 19, 2006		
Sheet 1 of 4		Attorney Docket Number	PD-201062

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/E.B./		US-6,021,159	02-2000	Nakagawa	

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		Filing Date	10-24-2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2611
		Examiner Name	BAYARD, Emmanuel
Date:	July 19, 2006		
Sheet 2 of 4	Attorney Docket Number	PD-201062	

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/E.B./		US-5,221,908	06-1993	Katz et al.	

Examiner Signature	/Emmanuel Bayard/	Date Considered	06/15/2007
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	First Named Inventor	Ernest C. Chen
	Art Unit	2611
Date: July 19, 2006	Examiner Name	BAYARD, Emmanuel
Sheet 3 of 4	Attorney Docket Number	PD-201062

U.S. PATENT DOCUMENTS					
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	First Named Inventor	Ernest C. Chen
	Art Unit	2611
	Examiner Name	BAYARD, Emmanuel
Date:	July 19, 2006	
Sheet 4 of 4	Attorney Docket Number	PD-201062

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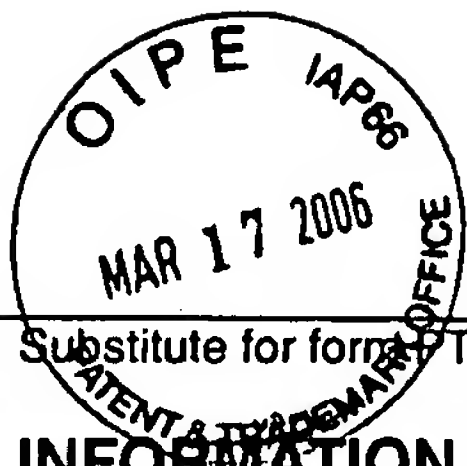
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/E.B./		FR 2696295	04-1994	Jaspal, Singh Bharj		
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/E.B./		JP 03139027	06-1991	Nippon Telegraph and Telephone Corporation		

NON PATENT LITERATURE DOCUMENTS			
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/E.B./		Earth Station Technology; 1986; pages 404-412; XP-002248387	

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Substitute for form TO/SB/08A

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT****Complete if Known**

Application Number	10/693,135
371(c) Filing Date	October 24, 2003
First Named Inventor	Ernest C. Chen
Art Unit	2631
Examiner Name	GHAYOUR, Mohammad H.

Date: March 13 2006

Sheet 1 of 1

Attorney Docket Number PD-201062

**U.S. PATENT DOCUMENTS**

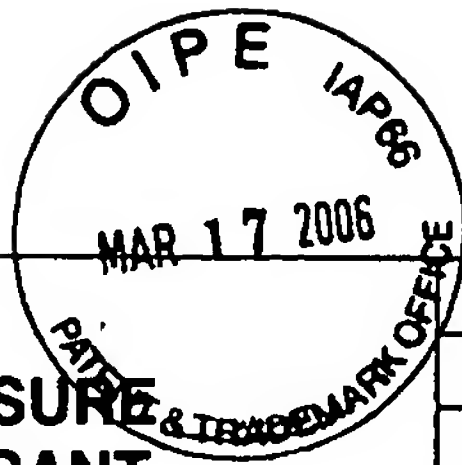
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		US-6,411,797	06-2002	Estinto, Eugene	
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		US-6,389,002	05-2002	Schilling, Donald L.	
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		US-2005/008100	01-2005	Chen, Ernest C.	
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		US-5,493,307	02-1996	Tsujimoto, Ichiro	
		US-5,956,373	09-1999	Goldston et al.	
		US-6,535,497	03-2003	Raith, Alex Krister	
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		US-3,879,664	04-1975	Monsen, Peter	
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/E.B./		US-3,878,468	04-1975	Falconer et al.	

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/E.B./		WO 99/20001	04-1999	Silberger et al.		

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Substitute for form PTO/SB/08B

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Art Unit	2631
Examiner Name	GHAYOUR, Mohammad H.

Date: March 13, 2006

Sheet 1 of 1

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/E.B./		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998, John Wiley & Sons, Inc.; pages 212-213 and 217-218; XP002364874	
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/Emmanuel Bayard/

Date  
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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	<b>Complete if Known</b>	
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	Filing Date	October 24, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	Mohammed H. Ghayour
Sheet 1 of 1	Attorney Docket Number	PD-201062

**U.S. PATENT DOCUMENTS**

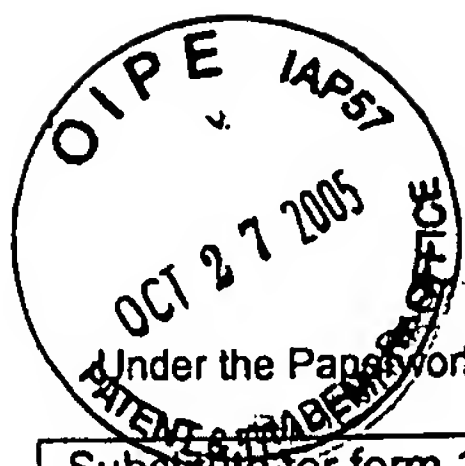
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./		US-5,581,229	12-3-1996	Hunt, Paul C.	
/E.B./		US-6,008,692	12-28-1999	Escartin, Marko	
/E.B./		US-6,125,148	09-26-2000	Frodigh et al.	
/E.B./		US-6,366,309	04-02-2002	Siegle, Gert	

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U.S. PATENT DOCUMENTS					
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/E.B./ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		US-6,718,184	04-2004	Aiken et al.	
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/E.B./		EP 0929164	07-1999	Societe Europeene des Satellites		
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/693,135
	Filing Date	October 24, 2003
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	Mohammed H. Ghayour
Sheet 2 of 3	Attorney Docket Number	PD-201062

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
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